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**Mail Stop ISSUE FEE
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24628 7590 06/14/2004

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Edward P. Gamson, Esq.	(Depositor's name)
July 8, 2004	
(Date)	

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/931,325	08/15/2001	Ashley J. Birkett	ICC-103.1 US 83502	3946

TITLE OF INVENTION: MALARIA IMMUNOGEN AND VACCINE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	09/14/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
LUCAS, ZACHARIAH	1648	424-268100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Apovia, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

San Diego, California, USA

Please check the appropriate assignee category or categories (will not be printed on the patent): individual corporation or other private group entity government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

- Issue Fee
 Publication Fee
 Advance Order - # of Copies 4

- A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 23-0920 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) (Date) 7/8/04

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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07/13/2004 HLE444 0000093 09931325
 01 FC:1501 1330.00 OP
 02 FC:1504 300.00 OP
 03 FC:8001 12.00 OP

Repln. Ref: 07/13/2004 HLE444 0012391500
 DA#230920 Name/Number:09931325
 FC: 9204 \$68.00 CR

TRANSMIT THIS FORM WITH FEE(S)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Ashley J. Birkett)	Attorney Docket:
Serial No.:	09/931,325)	ICC-103.1 US
Filed:	August 15, 2001)	(4564/83502)
For:	Malaria Immunogen and Vaccine)	Group Art Unit 1648
Examiner:	Zachariah Lucas)	

ISSUE FEE TRANSMITTAL LETTER

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached is the Issue Fee Transmittal Form No. PTOL-85B, in duplicate, our check No. 088249 in the amount of \$1,710.00 for the Issue Fee relating to the issuance of the above-identified U.S. patent application under 37 C.F.R. §1, publication and for an advance order for four (4) patent copies.

The Commissioner is authorized to charge payment of any deficiency in the patent issue fee or credit any overpayment to Deposit Account No. 23-0920. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

By 
Edward P. Gamson, Reg. No. 29,381

Enclosures

Issue Fee Transmittal Letter

Part B of Transmittal

Issue Fee

Communication

WELSH & KATZ, LTD.
120 South Riverside Plaza, 22nd Floor
Chicago, Illinois 60606
Phone (312) 655-1500
Facsimile Number (312) 655-1501

CERTIFICATE OF MAILING
OF ISSUE FEE TRANSMITTAL

I hereby certify that this Issue Fee Transmittal Letter, in duplicate, the attached Issue Fee Transmittal Form PTOL-85B, in duplicate, and the attached Issue Fee check relating to the above-identified U.S. patent application, are enclosed together in an envelope being deposited with the United States Postal Service with sufficient postage as First Class. Mail addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 8, 2004.


Edward P. Gamson, Reg. No. 29,381